Index of Claims

| Application No. | Applicant(s)      |   |
|-----------------|-------------------|---|
| 09/988,946      | COLMENAREZ ET AL. |   |
| Examiner        | Art Unit          | - |
| Colin M. LaRose | 2623              |   |

| √ | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| Ŀ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Claim Date |          |          |                 | Claim Date                         |                 |                    |  |        |             | Claim    |          |                                    | Date   |         |                       |                         |          |                        |              |                 |         |          |              |              |  |           |          |
|------------|----------|----------|-----------------|------------------------------------|-----------------|--------------------|--|--------|-------------|----------|----------|------------------------------------|--|---------|-----------------------|-------------------------|----------|------------------------|--------------|-----------------|---------|----------|--------------|--------------|--|-----------|----------|
|            | -m       | 4        |                 | П                                  |                 |                    |  |        |             | al       |          |                                    |  |         |                       |                         |          |                        | <del>-</del> |                 |         |          |              | Π            |  |           | $\neg$   |
| Final      | Original | 10/15/04 |                 |                                    |                 |                    |  |        | Final       | Original |          |                                    |  |         |                       |                         |          | Final                  | Original     | - 1             |         |          |              |              |  |           |          |
| 证          | Ë        | 2        |                 |                                    |                 |                    |  |        | 正           | Äį       |          |                                    |  |         |                       |                         | 24,511.1 | 证                      | Öİ           |                 |         |          |              |              |  |           |          |
|            |          |          |                 |                                    | <u> </u>        |                    |  |        |             |          |          |                                    | _  |         | 1-1                   |                         |          | ļ                      |              | _               |         | 上        | <u> </u>     | L            | Ш  |           | _        |
|            | 1_       | <u> </u> |                 | 4                                  |                 |                    | Ш.   |        |             | 51       |          |                                    |  |         | $\bot\bot$            |                         |          |                        | 101          | 4               | $\perp$ | 上        | <u> </u>     | L            | $\sqcup$                                       | _         |          |
| L          | 2        | +        |                 | Ш                                  |                 |                    |  | 4      |             | 52       |          | $\bot$                             | _  |         | $\vdash$              | -                       | -        |                        | 102          |                 | _ _     | <b> </b> | lacksquare   | <u> </u>     | $\sqcup$                                       | $\dashv$  |          |
|            | 3        | +        |                 | ┸                                  |                 | _                  |  | 158    |             | 53       |          | $\perp$                            | _  | _       | $\vdash$              |                         |          |                        | 103          | _               |         | ╄        | <u> </u>     | <u> </u>     | $\sqcup$                                       | 4         |          |
| ├          | 4        | +        |                 | 1                                  | $\vdash$        |                    |  | -      |             | 54       |          | +                                  | -  |         | ++                    |                         |          |                        | 104          |                 | 4       | 1_       | <b> </b>     | L            | $\sqcup$                                       | $\dashv$  | _        |
| <u> </u>   | 5        | +        |                 |                                    | $\vdash\vdash$  |                    | <del></del>                                      | -      |             | 55       |          |                                    | -  |         | ╁┷┼                   |                         |          |                        | 105          | -+              |         | ╁        | ــــ         | <b>!</b>     | $\vdash \vdash$                                | $\dashv$  | _        |
| -          | 6<br>7   | +        | -               | +                                  | $\vdash$        | +                  | $\vdash$   | -      |             | 56       | -        | +-1                                | $\dashv$   |         | +                     | +                       | -        |                        | 106          | -               | -       | ╄        | _            | -            | $\vdash \vdash$                                | -         |          |
|            |          | +        | -               | +-                                 | -               | +-                 | $\vdash\vdash$                                   | -111   |             | 57       |          | ┵┤                                 | -  |         |                       |                         | 1        |                        | 107          | -               | -       | ╄        | ├—           | <u> </u>     | $\vdash$                                       | $\dashv$  |          |
|            | 8        | +        |                 | +                                  | $\vdash$        |                    | ├-   | -      |             | 58<br>59 |          | +                                  | $\dashv$   | +       | +                     | +                       | -        |                        | 108<br>109   |                 | -       | ┼        |              |              | $\vdash$                                       | $\dashv$  | $\dashv$ |
| <u> </u>   | 10       | _        | _               | +                                  | H               | _                  | <del>   </del> -                                 | - 1    |             | 60       |          | +                                  | $\dashv$   |         | ++                    | +                       |          |                        | 110          | -               |         | -        |              | ļ            | ⊢⊹   | $\dashv$  |          |
| <u> </u>   | 11       | +        | -               | +                                  |                 | +                  | $\vdash$   | -      |             | 61       | -        | +                                  | -  | +       | ++                    | +                       | -        |                        |              | $\dashv$        | -       | ╄        | -            | H            | $\vdash$                                       | $\dashv$  | _        |
|            | 12       | +        |                 | +                                  |                 | +-                 | <del>                                     </del> | 1      |             | 62       | -        | +-                                 | -  |         | +                     | +                       |          |                        | 111<br>112   |                 | +       | +-       | ⊢            |              | $\vdash$                                       | $\dashv$  | $\dashv$ |
|            | 13       | +        | $\vdash$        | +                                  | $\vdash \vdash$ | +                  |  |        |             | 63       |          | +                                  | -  | +       | ++                    | +                       |          |                        | 113          |                 |         | +-       | <del> </del> | $\vdash$     | $\vdash$                                       | $\dashv$  | $\dashv$ |
|            | 14       | +        | $\vdash \vdash$ | +                                  | $\vdash \vdash$ | +                  | $\vdash$   |        |             | 64       | +        | +                                  | $\dashv$   | +       | +-+                   | +                       |          | $\vdash \vdash \vdash$ | 114          |                 | -       | +        | $\vdash$     | $\vdash$     | $\vdash$                                       | +         | $\dashv$ |
|            | 15       | +        |                 | +                                  | $\vdash$        | +                  | $\vdash$   | 1      |             | 65       | +        | +                                  |  | +       | +                     | +                       | 1        |                        | 115          | $\dashv$        | +-      | +        | <del> </del> | ├─           | $\dashv$                                       | $\dashv$  | ᅴ        |
|            | 16       | +        |                 | +                                  | -               |                    | <del>  </del>                                    |        |             | 66       | +        | +                                  | $\dashv$   |         | +                     |                         |          |                        | 116          | $\dashv$        | +       | +-       | -            |              | $\vdash$                                       | $\dashv$  |          |
|            | 17       | Ė        | +               | +                                  |                 | +                  | $\vdash$   | 100,00 |             | 67       |          | +                                  | $\dashv$   |         | ++                    | +                       |          |                        | 117          | $\dashv$        |         | ╁        | -            | <del> </del> | $\vdash$                                       | +         |          |
|            | 18       | $\vdash$ |                 | +                                  |                 |                    | <del>                                     </del> |        |             | 68       | +        | 1-1                                | $\dashv$   |         | ++                    | +                       |          |                        | 118          | +               | +       | ┼        | ├            | -            | $\vdash$                                       | -+        | $\dashv$ |
|            | 19       |          | $\vdash$        | +                                  |                 |                    | <del>  </del>                                    |        |             | 69       | +        | +                                  |  |         | 1-                    |                         |          |                        | 119          | $\dashv$        | +       | -        | -            |              | ┢═┼  | $\dashv$  |          |
|            | 20       | -        | +               | +                                  | -               | -                  |  |        |             | 70       |          | +                                  | $\dashv$   | +       | ╁┼                    | _                       |          |                        | 120          | -               | +       | +        |              |              | $\vdash$                                       | $\dashv$  | -        |
|            | 21       |          | $\vdash$        | +                                  |                 | +                  | $\vdash$   |        |             | 71       | $\dashv$ | +                                  | ┪  |         |                       | +                       |          |                        | 121          | $\dashv$        | -├      | ╁        | $\vdash$     | -            | $\vdash$                                       | +         | $\dashv$ |
| <u> </u>   | 22       |          |                 | +                                  | $\vdash$        | +                  | <del>                                     </del> |        | $\neg$      | 72       | +        | +                                  | $\dashv$   |         | $\vdash$              |                         |          |                        | 122          | -+              | +       | +        |              | -            | ;—   | $\dashv$  | $\dashv$ |
|            | 23       |          | -               | +-1                                | H               |                    | -  |        |             | 73       | +        | ╫                                  | ┰  | +       | + +                   |                         |          |                        | 123          |                 | +       |          |              |              | $\vdash$                                       | +         | $\dashv$ |
|            | 24       | $\vdash$ |                 | +                                  | $\vdash$        | $\dashv$           |  |        |             | 74       |          | ╂═╁                                | -  |         | + +                   | +                       | 1        |                        | 124          | +               | +       | ╁╾       |              | $\vdash$     |  | +         | $\dashv$ |
|            | 25       | H        |                 | +                                  |                 | +                  |  |        |             | 75       | -        | + 1                                | 1  |         | +                     | +-                      |          |                        | 125          |                 | +       | +        |              | -            | $\dashv$                                       | $\dashv$  | $\dashv$ |
|            | 26       |          |                 | $\top$                             |                 | +                  |  |        | $\dashv$    | 76       | +        | +                                  | -  | _       | +                     | +                       |          |                        | 126          |                 | +       |          |              | -            | $\vdash$                                       | +         | $\dashv$ |
|            | 27       |          |                 | 1                                  |                 |                    |  |        |             | 77       |          | +                                  | _  |         | $\vdash$              | +-                      |          |                        | 127          | $\dashv$        | +-      | $\vdash$ | _            | $\vdash$     | $\dashv$                                       | +         | -        |
|            | 28       |          |                 | $\top$                             |                 |                    |  |        |             | 78       |          | +                                  | 1  |         |                       | +                       |          |                        | 128          | $\dashv$        |         | $\vdash$ |              |              | $\neg$   | $\dashv$  | ⊣        |
|            | 29       |          |                 | $\Box$                             |                 |                    |  |        | $\neg \neg$ | 79       |          |                                    |  |         | t                     | 1                       |          |                        | 129          |                 |         |          |              |              |  | $\dashv$  | ┪        |
|            | 30       |          |                 |                                    |                 |                    |  |        |             | 80       |          | $\top$                             | 寸  |         |                       | *-                      |          |                        | 130          | -               | +       | 1        |              |              | $\dashv$                                       | $\forall$ | $\dashv$ |
|            | 31       |          |                 |                                    |                 |                    |  |        |             | 81       |          | $\top$                             | $\neg$   |         | <b>†</b> † †          | +                       |          |                        | 131          | $\neg +$        | 1       | T        | _            |              | $\dashv$                                       | $\dashv$  | ┪        |
|            | 32       |          |                 | П                                  |                 |                    |  |        |             | 82       |          | $\Box$                             |  |         |                       |                         |          |                        | 132          | _               |         | T        |              |              |  | 十         | $\neg$   |
|            | 33       |          |                 |                                    |                 |                    |  |        |             | 83       |          |                                    |  |         |                       |                         |          |                        | 133          |                 |         | T        |              |              |  | 十         |          |
|            | 34       |          |                 |                                    |                 |                    |  |        |             | 84       |          |                                    |  |         |                       |                         |          |                        | 134          | $\neg \uparrow$ |         | П        |              |              | $\dashv$                                       | 丁         | $\neg$   |
|            | 35       |          |                 |                                    |                 |                    |  |        |             | 85       |          |                                    | $\Box$   |         |                       |                         |          |                        | 135          |                 |         |          |              |              |  | $\Box$    |          |
|            | 36       |          |                 |                                    |                 |                    |  |        |             | 86       |          | $oxed{\Box}$                       |  |         |                       |                         |          |                        | 136          |                 | 1       |          |              |              | $\Box$   | $\Box$    | $\Box$   |
|            | 37       |          |                 | $\perp$                            |                 | $\Box$             |  |        |             | 87       |          |                                    |  |         |                       | $oxed{\Box}$            |          |                        | 137          |                 |         |          |              |              | $\Box$   | ┚         |          |
|            | 38       |          |                 |                                    |                 |                    |  |        |             | 88       |          |                                    |  |         |                       | $oldsymbol{\mathbb{I}}$ |          |                        | 138          |                 | 1       |          |              |              |  | 丁         | _1       |
|            | 39       |          |                 | ot                                 |                 | $oldsymbol{\perp}$ |  |        |             | 89       |          |                                    |  |         |                       |                         |          |                        | 139          |                 |         |          |              |              | J  | $\Box$    |          |
|            | 40       | Ш        | $\perp$         | $\sqcup$                           | Ц.              | _ _]               |  |        |             | 90       | $\perp$  | $oxed{\Box}$                       | $oldsymbol{ol}}}}}}}}}}}}}}$ |         | $\Box$                |                         |          |                        | 140          |                 |         |          |              |              | $oxed{oxed}$                                   |           |          |
|            | 41       |          | $\perp$         | $\downarrow \downarrow \downarrow$ | $\perp$         | _ _                |  |        |             | 91       |          | $\perp$                            |  |         | $\Box \Box$           | $\perp$                 |          |                        | 141          |                 |         |          |              |              |  |           |          |
|            | 42       |          |                 | $\perp$                            |                 | $\perp$            |  |        | ]           | 92       |          | $\perp \perp$                      |  |         | $\coprod$             |                         |          |                        | 142          |                 |         |          |              |              | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ | $\Box$    |          |
|            | 43       | Ш        |                 | $oldsymbol{oldsymbol{\sqcup}}$     |                 | 4.1                | $oxed{oxed}$                                     |        |             | 93       | $\perp$  | $\perp \downarrow$                 | _  |         | $\sqcup \bot$         |                         |          | ]                      | 143          | $\Box$          |         |          |              |              | $\bot$   | $\Box$    | $\Box$   |
|            | 44       | Ш        | $\perp$         | $\sqcup$                           | $\dashv$        | $\perp \perp$      | $\sqcup \downarrow$                              |        |             | 94       | $\bot$   | $\downarrow \downarrow \downarrow$ | _  | _       | $\sqcup \bot$         | 4                       |          |                        | 144          |                 |         | Ш        |              |              | $\perp$  | $\perp$   | $\Box$   |
| <b></b>    | 45       |          | $\dashv$        | $\downarrow \downarrow$            |                 | $\perp$            |  |        |             | 95       | _ _      | $\bot \bot$                        |  | $\perp$ | $\sqcup$              |                         |          |                        | 145          | $\perp$         | 1       | Ш        | Щ            |              |  | $\perp$   |          |
| <u> </u>   | 46       |          |                 | $\sqcup$                           | _               | 44                 |  |        |             | 96       |          | $\sqcup$                           | $\perp$  | _ _     | $\coprod$             |                         |          |                        | 146          |                 |         | Ш        |              |              | $\dashv$                                       | $\perp$   |          |
|            | 47       |          | $\dashv$        | +                                  |                 | $\bot$             | _  |        |             | 97       | $\bot$   | $\sqcup$                           |  | _       | $\sqcup \bot$         |                         | l        |                        | 147          |                 |         | Ш        |              |              | $\perp$  | $\perp$   | $\Box$   |
|            | 48       |          |                 | +                                  |                 | +                  |  |        |             | 98       |          | $\sqcup$                           |  |         | $\sqcup \!\!\! \perp$ | $\perp$                 |          |                        | 148          | _               |         | Ш        |              |              | $\bot$   | $\dashv$  | _        |
|            | 49       |          | +               | +                                  |                 | -                  | $\perp$  |        |             | 99       | +        | $\downarrow \downarrow$            | $\dashv$   |         |                       | $\perp$                 |          |                        | 149          | $\bot$          |         | Ш        |              |              | $\perp$  | $\perp$   | _        |
|            | 50       | oxdot    |                 |                                    | L               |                    |  |        |             | 100      |          | 1                                  |  |         |                       |                         |          |                        | 150          |                 |         |          |              |              | $\perp$  | _L        |          |